

TERMSERIES

The all-rounders in a terminal block format

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TERMSERIES relay modules and solid-state relays are real all-rounders in the extensive Klippon® Relay portfolio. The pluggable modules are available in many variants and can be exchanged quickly and easily – they are ideal for use in modular systems. Their large illuminated ejection lever also serves as a status LED with integrated holder for markers, making maintenance easier. TERMSERIES products are particularly space-saving and are available in widths from 6.4 mm. Besides their versatility, they convince through their extensive accessories and unlimited cross-connection possibilities.

TERMSERIES products are available for special loads, for C1D2 applications, with timer functions or with positively-driven contacts. Special variants for connecting actuators – e.g. solenoid valves or contactors – are also available. The range of applications is extended by various connection systems such as PUSH IN and screw connection. And with the unique multi-voltage input, you can optimise your wiring and simplify your retrofitting processes. All products are of course approved according to the current international standards such as cULus, DNV GL and EAC.

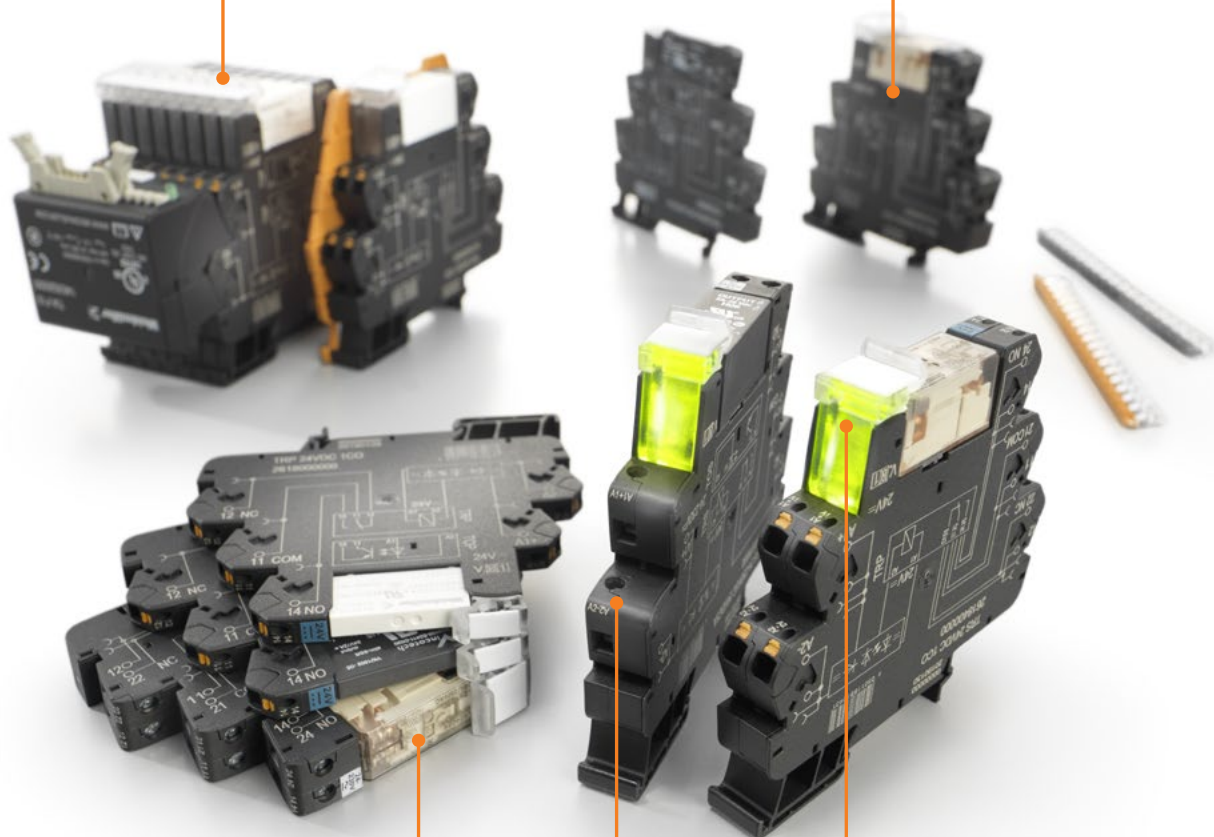
Our TERMSERIES variants for special loads are assembled with optimised contacts. Their arrangement and material selection were adapted to suit the high loads in the industrial sector. Whether in machinery and plant engineering, robotics, wind energy or shipbuilding: With TERMSERIES products you can reliably and permanently switch industrial loads and reduce your operating costs.

Space-saving design

The slim design with compact widths from 6.4 mm provides noticeable space savings in the panel.

Unique multi-voltage input

The input allows controlling with voltages from 24 to 230 V AC/DC in one device. This reduces the number of required part numbers and makes retrofitting easier.

**Ergonomic design**

The high-quality design without sharp edges reduces the risk of injury. All markings are readable, no matter which position the components are installed in, which makes work easier.

Multi-functional ejection lever

The ejection lever allows the plugged-in relays to be replaced easily. It is also used to hold markers and has a status LED that illuminates the entire ejector.

Continuous cross-connectors

The continuous cross-connection channels increase flexibility and save wiring time at every level.

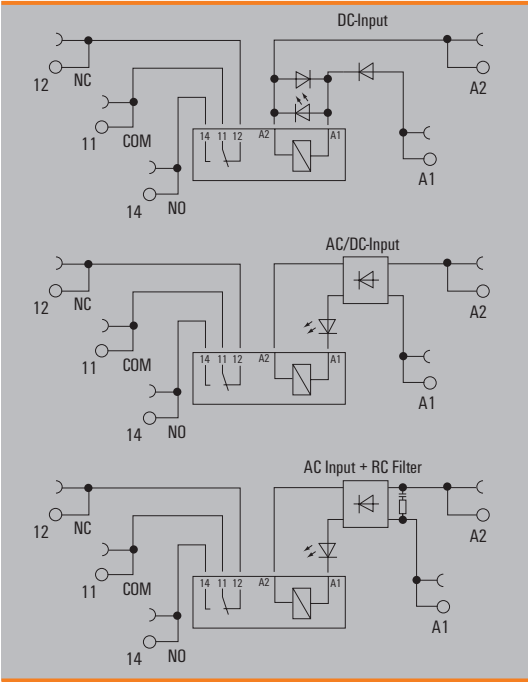
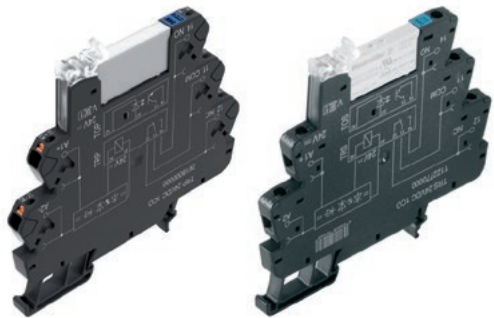
For more information,
visit our website
www.weidmueller.com/term

TERMSERIES – relay modules

1 C0 contact

AC/DC/UC coil

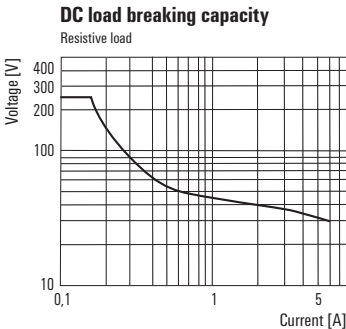
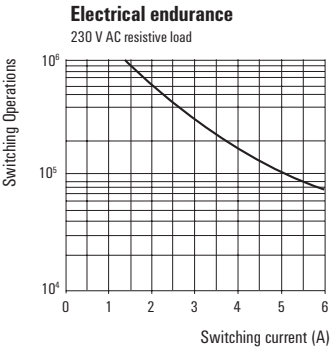
- Space-saving, only 6.4 mm wide
- AgNi contact
- PUSH IN and screw connection



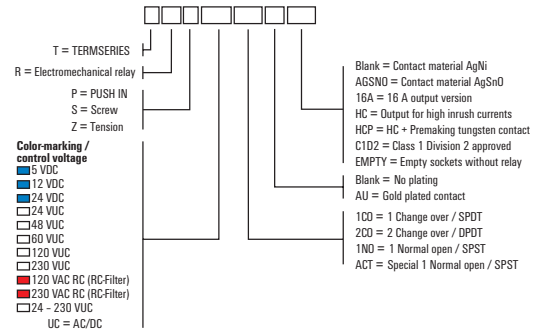
Technical data

Load side		
Rated switching voltage / Continuous current	250 V AC / 6 A	
Max. switching voltage, AC		
Inrush current	20 A / 20 ms	
Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V	
Contact type	1 C0 contact (AgNi)	
Mechanical service life	5 x 10 ⁶ switching cycles	
Max. switching frequency at rated load	0.1 Hz	
General data		
Ambient temperature (operational)	-40 °C...60 °C	
Storage temperature	-40 °C...85 °C	
Humidity	5-95% relative humidity, T ₉₀ = 40°C, without condensation	
Approvals	CE; cULus; DNVGL; EAC	
Insulation coordinates		
Rated voltage	300 V	
Impulse withstand voltage	6 kV (1.2/50 µs)	
Dielectric strength, Input/Output	4 kV _{eff} / 1 Min.	
Dielectric strength of neighbouring contacts		
Dielectric strength to mounting rail	4 kV _{eff} / 1 Min.	
Creepage and clearance distance input - output	≥ 5.5 mm	
Overvoltage category	III	
Pollution degree	2	
Dimensions	PUSH IN	Screw connection
Clamping range (nominal / min. / max.)	mm ² 1.5 / 0.14 / 2.5	1.5 / 0.14 / 2.5
Depth x width x height	mm 87.8 / 6.4 / 89.4	87.8 / 6.4 / 89.6
Note	Accessories and dimensional drawings: refer to the TERMSERIES Accessories page. Further approvals and technical data can be found at catalog.weidmueller.com	

Applications



1 CO contact AC/DC/UC coil



Ordering data

Control side	5 V DC	12 V DC	24 V DC	24 V UC	48 V UC
Rated control voltage	5 V DC $\pm 20\%$	12 V DC $\pm 20\%$	24 V DC $\pm 20\%$	24 V UC $\pm 10\%$	48 V UC $\pm 10\%$
Rated current AC / DC	/ 33 mA	/ 18 mA	/ 11.5 mA	11.7 mA / 6.4 mA	8 mA / 7 mA
Power rating	170 mW	210 mW	280 mW	270 mVA / 154 mW	340 mW / 0.4 VA
Status indicator	Green LED	Green LED	Green LED	Green LED	Green LED
Protective circuit	Free-wheeling diode, Reverse polarity protection	Free-wheeling diode, Reverse polarity protection	Free-wheeling diode, Reverse polarity protection	Rectifier	Rectifier

Ordering data

PUSH IN connection	Type	TRP 5VDC 1CO	TRP 12VDC 1CO	TRP 24VDC 1CO	TRP 24VUC 1CO	TRP 48VUC 1CO
Order No.		2614830000	2618180000	2618000000	2618220000	2618240000
Screw connection	Type	TRS 5VDC 1CO	TRS 12VDC 1CO	TRS 24VDC 1CO	TRS 24VUC 1CO	TRS 48VUC 1CO
Order No.		1122740000	1122750000	1122770000	1122780000	1122790000
Note						

Ordering data

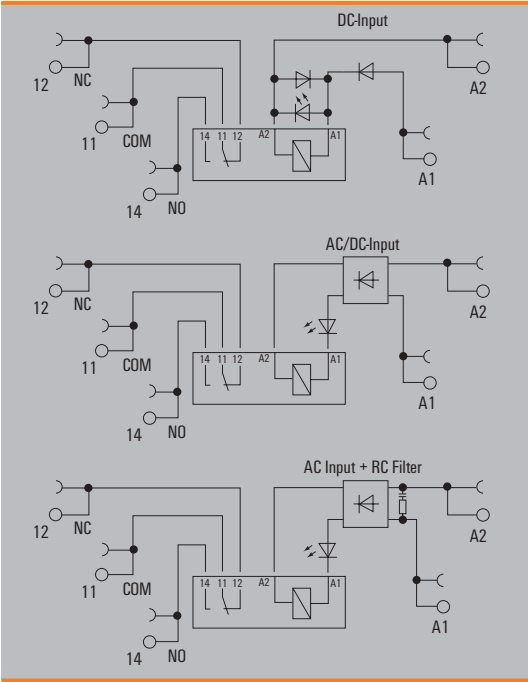
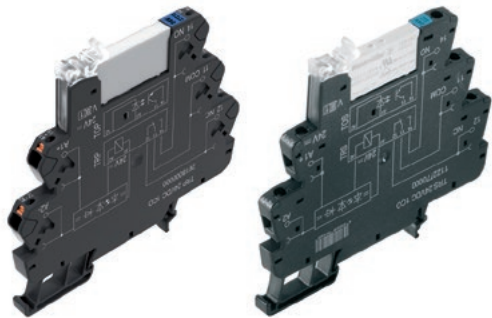
Control side	60 V UC	120 V UC	230 V UC	120 V AC RC	230 V AC RC
Rated control voltage	60 V UC $\pm 10\%$	120 V UC $\pm 10\%$	230 V UC $\pm 10\%$	120 V AC $\pm 10\%$	230 V AC $\pm 10\%$
Rated current AC / DC	4.8 mA / 2.8 mA	4 mA / 3.5 mA	3.5 mA / 2.9 mA	7 mA /	8.5 mA /
Power rating	170 mW, 290 mVA	0.48 VA, 420 mW	670 mW, 805 mVA	840 mVA	2 VA
Status indicator	Green LED	Green LED	Green LED	Green LED	Green LED
Protective circuit	Rectifier	Rectifier	Rectifier	Rectifier, RC element	Rectifier, RC element

Ordering data

PUSH IN connection	Type	TRP 60VUC 1CO	TRP 120VUC 1CO	TRP 230VUC 1CO	TRP 120VAC RC 1CO	TRP 230VAC RC 1CO
Order No.		2618140000	2618010000	2618050000	2618150000	2618200000
Screw connection	Type	TRS 60VUC 1CO	TRS 120VUC 1CO	TRS 230VUC 1CO	TRS 120VAC RC 1CO	TRS 230VAC RC 1CO
Order No.		1122800000	1122810000	1122820000	1122830000	1122840000
Note						

1 CO contact with hard gold-plated contacts
AC/DC/UC coil

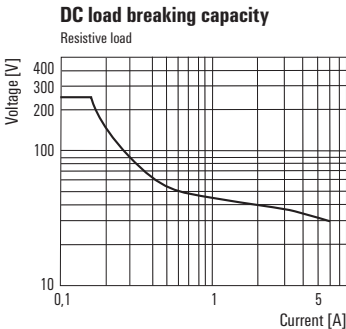
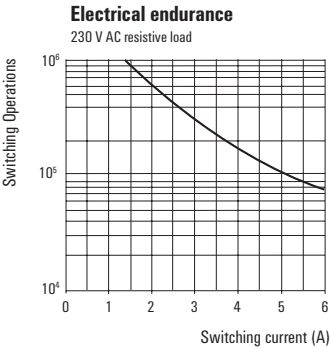
- Space saving, just 6.4 mm modular width
- AgNi contact with gold plating
- PUSH IN and screw connection



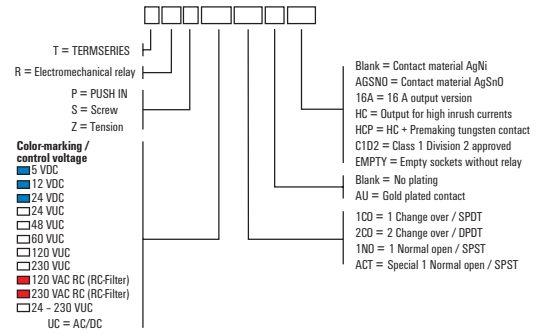
Technical data

Load side		
Rated switching voltage / Continuous current	250 V AC / 6 A	
Max. switching voltage, AC		
Inrush current	20 A / 20 ms	
Min. switching power	1 mA @ 1 V	
Contact type	1 CO contact (AgNi 5µm Au)	
Mechanical service life	5 x 10 ⁶ switching cycles	
Max. switching frequency at rated load	0.1 Hz	
General data		
Ambient temperature (operational)	-40 °C...60 °C	
Storage temperature	-40 °C...85 °C	
Humidity	5-95% relative humidity, T ₉₀ = 40°C, without condensation	
Approvals	CE; cULus; DNVGL; EAC	
Insulation coordinates		
Rated voltage	300 V	
Impulse withstand voltage	6 kV (1.2/50 µs)	
Dielectric strength, Input/Output	4 kV _{eff} / 1 Min.	
Dielectric strength of neighbouring contacts		
Dielectric strength to mounting rail	4 kV _{eff} / 1 Min.	
Creepage and clearance distance input - output	≥ 5.5 mm	
Overvoltage category	III	
Pollution degree	2	
Dimensions	PUSH IN	Screw connection
Clamping range (nominal / min. / max.)	mm ² 1.5 / 0.14 / 2.5	1.5 / 0.14 / 2.5
Depth x width x height	mm 87.8 / 6.4 / 89.4	87.8 / 6.4 / 89.6
Note	Accessories and dimensional drawings: refer to the TERMSERIES Accessories page. Further approvals and technical data can be found at catalog.weidmueller.com	

Applications



1 CO contact with hard gold-plated contacts AC/DC/UC coil



Ordering data

Control side	5 V DC	12 V DC	24 V DC	24 V UC	48 V UC
Rated control voltage	5 V DC $\pm 20\%$	12 V DC $\pm 20\%$	24 V DC $\pm 20\%$	24 V UC $\pm 10\%$	48 V UC $\pm 10\%$
Rated current AC / DC	/ 33 mA	/ 18 mA	/ 11.5 mA	11.7 mA / 6.4 mA	8 mA / 7 mA
Power rating	170 mW	210 mW	280 mW	270 mVA / 154 mW	340 mW / 0.4 VA
Status indicator	Green LED	Green LED	Green LED	Green LED	Green LED
Protective circuit	Free-wheeling diode, Reverse polarity protection	Free-wheeling diode, Reverse polarity protection	Free-wheeling diode, Reverse polarity protection	Rectifier	Rectifier

Ordering data					
PUSH IN connection Type	TRP 5VDC 1CO AU	TRP 12VDC 1CO AU	TRP 24VDC 1CO AU	TRP 24VUC 1CO AU	TRP 48VUC 1CO AU
Order No.	2618060000	2618120000	2618110000	2618160000	2618170000
Screw connection Type	TRS 5VDC 1CO AU	TRS 12VDC 1CO AU	TRS 24VDC 1CO AU	TRS 24VUC 1CO AU	TRS 48VUC 1CO AU
Order No.	1122980000	1122990000	1123000000	1123010000	1123020000
Note					

Ordering data

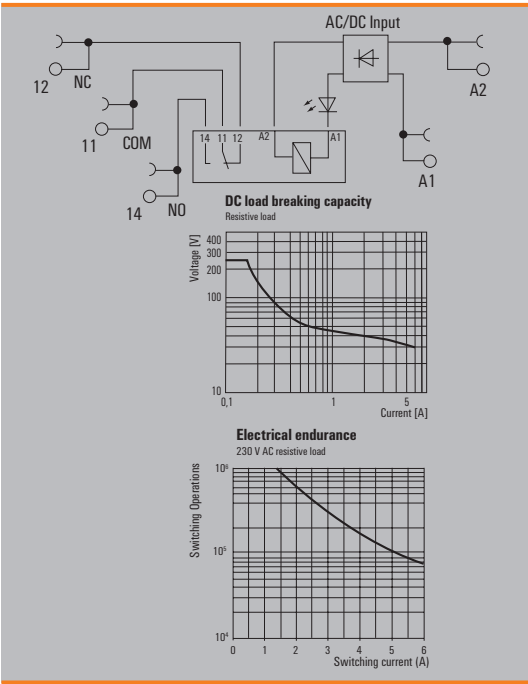
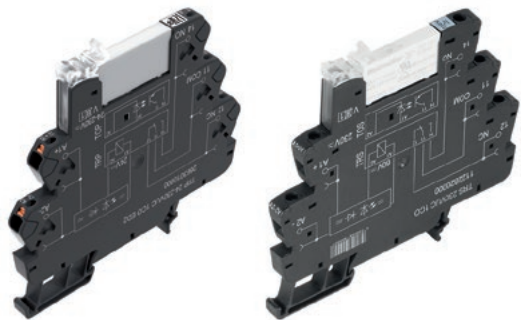
Control side	60 V UC	120 V UC	230 V UC	120 V AC RC	230 V AC RC
Rated control voltage	60 V UC $\pm 10\%$	120 V UC $\pm 10\%$	230 V UC $\pm 10\%$	120 V AC $\pm 10\%$	230 V AC $\pm 10\%$
Rated current AC / DC	4,8 mA / 2,8 mA	4 mA / 3,5 mA	3,5 mA / 2,9 mA	7 mA /	8,5 mA /
Power rating	170 mW, 290 mVA	0,48 VA, 420 mW	670 mW, 805 mVA	840 mVA	2 VA
Status indicator	Green LED	Green LED	Green LED	Green LED	Green LED
Protective circuit	Rectifier	Rectifier	Rectifier	Rectifier, RC element	Rectifier, RC element

Ordering data					
PUSH IN connection Type	TRP 60VUC 1CO AU	TRP 120VUC 1CO AU	TRP 230VUC 1CO AU	TRP 120VAC RC 1CO AU	TRP 230VAC RC 1CO AU
Order No.	2618070000	2618080000	2618210000	2618030000	2617950000
Screw connection Type	TRS 60VUC 1CO AU	TRS 120VUC 1CO AU	TRS 230VUC 1CO AU	TRS 120VAC RC 1CO AU	TRS 230VAC RC 1CO AU
Order No.	1123030000	1123040000	1123050000	1123070000	1123080000
Note					

TERMSERIES – relay modules

1 C0 contact
multi-voltage input

- Space-saving: width only 6.4 mm
- AgNi contact
- PUSH IN and screw connection
- Multi-voltage input: 24...230 V UC in one module



Technical data

Load side		
Rated switching voltage / Continuous current	250 V AC / 6 A	
Max. switching voltage, AC		
Inrush current	20 A / 20 ms	
Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V	
Contact type	1 C0 contact (AgNi)	
Mechanical service life	5 x 10 ⁶ switching cycles	
Max. switching frequency at rated load	0.1 Hz	
General data		
Ambient temperature (operational)	-40 °C...60 °C	
Storage temperature	-40 °C...85 °C	
Humidity	5-95% relative humidity, T _u = 40°C, without condensation	
Approvals	CE; EAC	
Insulation coordinates		
Rated voltage	300 V	
Impulse withstand voltage	6 kV (1.2/50 µs)	
Dielectric strength, Input/Output	4 kV _{eff} / 1 Min.	
Dielectric strength of neighbouring contacts		
Dielectric strength to mounting rail	4 kV _{eff} / 1 Min.	
Creepage and clearance distance input - output	≥ 5.5 mm	
Overvoltage category	III	
Pollution degree	2	
Dimensions	PUSH IN	Screw connection
Clamping range (nominal / min. / max.)	mm ² 1.5 / 0.14 / 2.5	1.5 / 0.14 / 2.5
Depth x width x height	mm 87.8 / 6.4 / 89.4	87.8 / 6.4 / 89.6
Note	Accessories and dimensional drawings: refer to the TERMSERIES Accessories page. You can find further approvals and technical data at catalog.weidmueller.com	

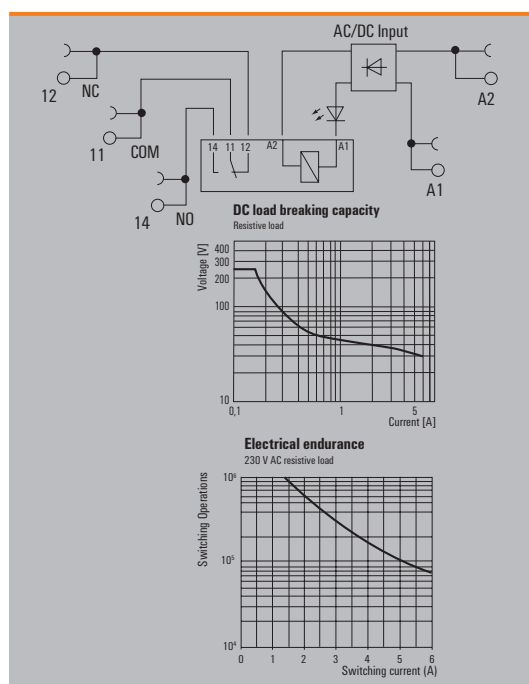
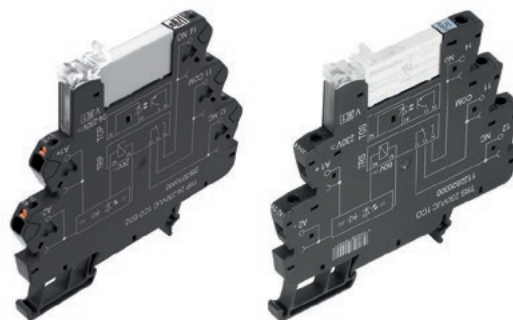
Ordering data

Control side	
Rated control voltage	24...230 V UC ± 10 %
Rated current AC / DC	19.0 mA @ 24 V AC, 3.0 mA @ 230 V AC / 11.0 mA @ 24 V DC, 1.1 mA @ 230 V DC
Power rating	265 mW @ 24 V DC, 255 mW @ 230 V DC, 455 mVA @ 24 V AC, 690 mVA @ 230 V AC
Status indicator	Green LED
Protective circuit	Rectifier
Approvals	CE, EAC

Ordering data	
PUSH IN connection	Type TRP 24-230VUC 1C0 ED2
Order No.	2663010000
Screw connection	Type TRS 24-230VUC 1C0 ED2
Order No.	2662850000
Note	

1 CO contact with hard gold-plated contacts multi-voltage input

- Space saving, just 6.4 mm modular width
- AgNi contact with gold plating
- PUSH IN and screw connection
- Multi-voltage input: 24...230 V UC in one module



Technical data

Load side		
Rated switching voltage / Continuous current	250 V AC / 6 A	
Max. switching voltage, AC		
Inrush current	20 A / 20 ms	
Min. switching power	1 mA @ 1 V	
Contact type	1 CO contact (AgNi 5µm Au)	
Mechanical service life	5 x 10 ⁶ switching cycles	
Max. switching frequency at rated load	0.1 Hz	
General data		
Ambient temperature (operational)	-40 °C...60 °C	
Storage temperature	-40 °C...85 °C	
Humidity	5-95% relative humidity, T _g = 40°C, without condensation	
Approvals	CE; EAC	
Insulation coordinates		
Rated voltage	300 V	
Impulse withstand voltage	6 kV (1.2/50 µs)	
Dielectric strength, Input/Output	4 kV _{eff} / 1 Min.	
Dielectric strength of neighbouring contacts		
Dielectric strength to mounting rail	4 kV _{eff} / 1 Min.	
Creepage and clearance distance input - output	≥ 5.5 mm	
Overvoltage category	III	
Pollution degree	2	
Dimensions		
	PUSH IN	Screw connection
Clamping range (nominal / min. / max.)	mm ² 1.5 / 0.14 / 2.5	1.5 / 0.14 / 2.5
Depth x width x height	mm 87.8 / 6.4 / 89.4	87.8 / 6.4 / 89.6
Note		
Accessories and dimensional drawings: refer to the TERMSERIES Accessories page. Further approvals and technical data can be found at catalog.weidmueller.com		

Ordering data

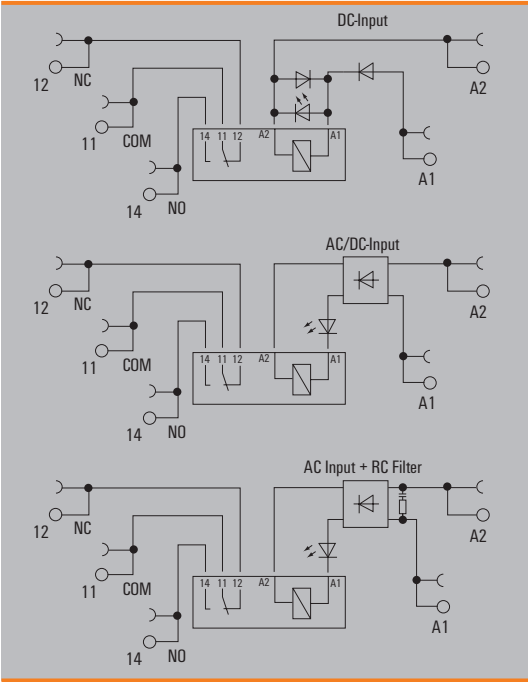
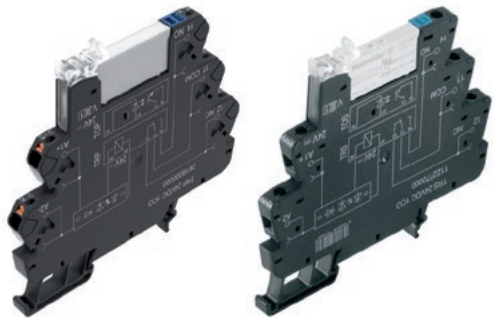
Control side	
Rated control voltage	24...230 V UC ± 10 %
Rated current AC / DC	19.0 mA @ 24 V AC, 3.0 mA @ 230 V AC / 11.0 mA @ 24 V DC, 1.1 mA @ 230 V DC
Power rating	265 mW @ 24 V DC, 255 mW @ 230 V DC, 455 mVA @ 24 V AC, 690 mVA @ 230 V AC
Status indicator	Green LED
Protective circuit	Rectifier
Approvals	CE, EAC

Ordering data	
PUSH IN connection	Type TRP 24-230VUC 1CO AU ED2
Order No.	2663020000
Screw connection	Type TRS 24-230VUC 1CO AU ED2
Order No.	2662860000
Note	

1 CO contact (AgSnO)

AC / DC / UC coil

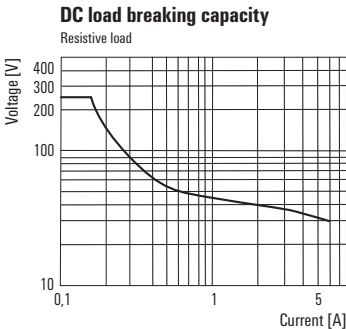
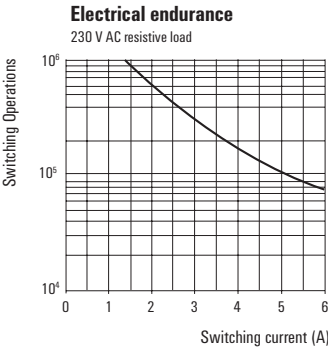
- Space-saving, only 6.4 mm wide
- AgSnO contact
- For capacitive and inductive loads
- PUSH IN and screw connection



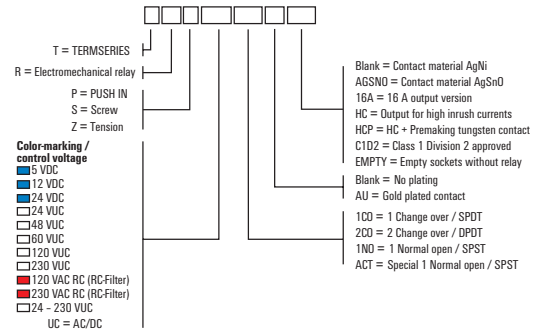
Technical data

Load side		
Rated switching voltage / Continuous current	250 V AC / 6 A	
Max. switching voltage, AC		
Inrush current	30 A / 20 ms	
Min. switching power	100 mA @ 12 V	
Contact type	1 CO contact (AgSnO)	
Mechanical service life	5 x 10 ⁶ switching cycles	
Max. switching frequency at rated load	0.1 Hz	
General data		
Ambient temperature (operational)	-40 °C...60 °C	
Storage temperature	-40 °C...85 °C	
Humidity	5-95% relative humidity, T ₉ = 40°C, without condensation	
Approvals	CE; cULus; DNVGL; EAC	
Insulation coordinates		
Rated voltage	300 V	
Impulse withstand voltage	6 kV (1.2/50 µs)	
Dielectric strength, Input/Output	4 kV _{eff} / 1 Min.	
Dielectric strength of neighbouring contacts		
Dielectric strength to mounting rail	4 kV _{eff} / 1 Min.	
Creepage and clearance distance input - output	≥ 5.5 mm	
Overvoltage category	III	
Pollution degree	2	
Dimensions	PUSH IN	Screw connection
Clamping range (nominal / min. / max.)	mm ² 1.5 / 0.14 / 2.5	1.5 / 0.14 / 2.5
Depth x width x height	mm 87.8 / 6.4 / 89.4	87.8 / 6.4 / 89.6
Note	Accessories and dimensional drawings: refer to the TERMSERIES Accessories page. Further approvals and technical data can be found at catalog.weidmueller.com	

Applications



1 CO contact (AgSnO) AC / DC / UC coil



Ordering data

Control side	5 V DC	12 V DC	24 V DC	24 V UC	48 V UC
Rated control voltage	5 V DC \pm 20 %	12 V DC \pm 20 %	24 V DC \pm 20 %	24 V UC \pm 10 %	48 V UC \pm 10 %
Rated current AC / DC	/ 33 mA	/ 18 mA	/ 11.5 mA	11.7 mA / 6.4 mA	8 mA / 7 mA
Power rating	170 mW	210 mW	280 mW	270 mVA / 154 mW	340 mW / 0.4 VA
Status indicator	Green LED	Green LED	Green LED	Green LED	Green LED
Protective circuit	Free-wheeling diode, Reverse polarity protection	Free-wheeling diode, Reverse polarity protection	Free-wheeling diode, Reverse polarity protection	Rectifier	Rectifier

Ordering data

PUSH IN connection	Type	TRP 5VDC 1CO AGSNO	TRP 12VDC 1CO AGSNO	TRP 24VDC 1CO AGSNO	TRP 24VUC 1CO AGSNO	TRP 48VUC 1CO AGSNO
Order No.		2614820000	2617860000	2618020000	2617880000	2617890000
Screw connection	Type	TRS 5VDC 1CO AGSNO	TRS 12VDC 1CO AGSNO	TRS 24VDC 1CO AGSNO	TRS 24VUC 1CO AGSNO	TRS 48VUC 1CO AGSNO
Order No.		2152860000	2152880000	1984540000	2152940000	2153060000
Note						

Ordering data

Control side	60 V UC	120 V UC	230 V UC	120 V AC RC	230 V AC RC
Rated control voltage	60 V UC \pm 10 %	120 V UC \pm 10 %	230 V UC \pm 10 %	120 V AC \pm 10 %	230 V AC \pm 10 %
Rated current AC / DC	4,8 mA / 2,8 mA	4 mA / 3,5 mA	3,5 mA / 2,9 mA	7 mA /	8,8 mA /
Power rating	170 mW, 290 mVA	0,48 VA, 420 mW	670 mW, 805 mVA	840 mVA	2 VA
Status indicator	Green LED	Green LED	Green LED	Green LED	Green LED
Protective circuit	Rectifier	Rectifier	Rectifier	Rectifier, RC element	Rectifier, RC element

Ordering data

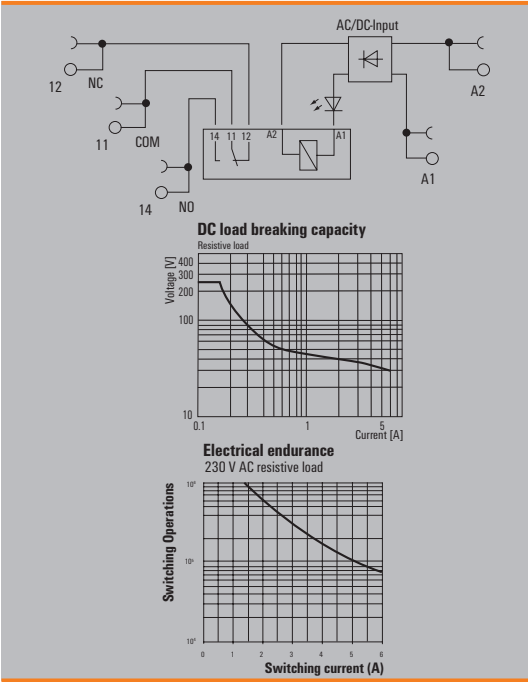
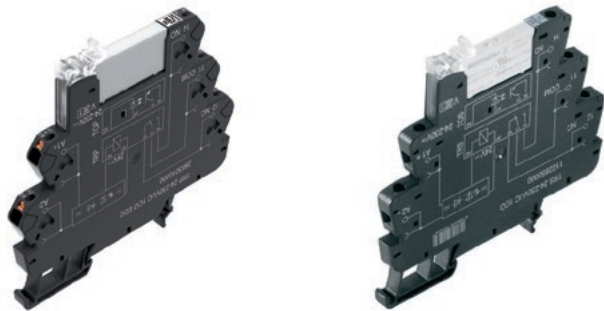
PUSH IN connection	Type	TRP 60VUC 1CO AGSNO	TRP 120VUC 1CO AGSNO	TRP 230VUC 1CO AGSNO	TRP 120VAC RC 1CO AGSNO	TRP 230VAC RC 1CO AGSNO
Order No.		2617870000	2617900000	2617830000	2617840000	2617850000
Screw connection	Type	TRS 60VUC 1CO AGSNO	TRS 120VUC 1CO AGSNO	TRS 230VUC 1CO AGSNO	TRS 120VAC RC 1CO AGSNO	TRS 230VAC RC 1CO AGSNO
Order No.		2153550000	2153570000	2153590000	2152900000	2152920000
Note						

TERMSERIES – relay modules

1 CO contact (AgSnO)

Multi-voltage input

- Space-saving, only 6.4 mm wide
- AgSnO contact
- For capacitive and inductive loads
- PUSH IN and screw connection
- Multi-voltage input: 24...230 V UC in one module



Technical data

Load side		
Rated switching voltage / Continuous current	250 V AC / 6 A	
Max. switching voltage, AC		
Inrush current	30 A / 20 ms	
Min. switching power	100 mA @ 12 V	
Contact type	1 CO contact (AgSnO)	
Mechanical service life	5 x 10 ⁶ switching cycles	
Max. switching frequency at rated load	0.1 Hz	
General data		
Ambient temperature (operational)	-40 °C...60 °C	
Storage temperature	-40 °C...85 °C	
Humidity	5-95% relative humidity, T _a = 40°C, without condensation	
Approvals	CE; EAC	
Insulation coordinates		
Rated voltage	300 V	
Impulse withstand voltage	6 kV (1.2/50 µs)	
Dielectric strength, Input/Output	4 kV _{eff} / 1 Min.	
Dielectric strength of neighbouring contacts		
Dielectric strength to mounting rail	4 kV _{eff} / 1 Min.	
Creepage and clearance distance input - output	≥ 5.5 mm	
Overvoltage category	III	
Pollution degree	2	
Dimensions	PUSH IN	Screw connection
Clamping range (nominal / min. / max.)	mm ² 1.5 / 0.14 / 2.5	1.5 / 0.14 / 2.5
Depth x width x height	mm 87.8 / 6.4 / 89.4	87.8 / 6.4 / 89.6
Note	Accessories and dimensional drawings: refer to the TERMSERIES Accessories page. Further approvals and technical data can be found at catalog.weidmueller.com	

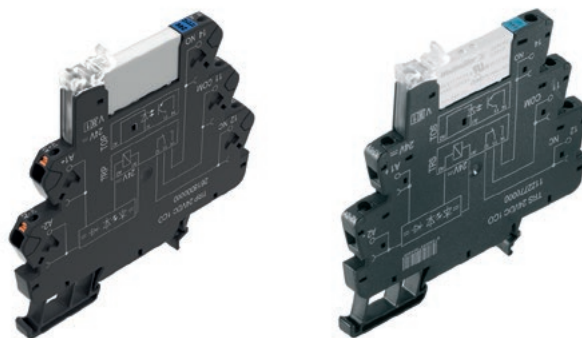
Ordering data

Control side		24 V - 230 V UC
Rated control voltage		24...230 V UC ± 10 %
Rated current AC / DC		19.0 mA @ 24 V AC, 3.0 mA @ 230 V AC / 11.0 mA @ 24 V DC, 1.1 mA @ 230 V DC
Power rating		265 mW @ 24 V DC, 255 mW @ 230 V DC, 455 mVA @ 24 V AC, 690 mVA @ 230 V AC
Status indicator		Green LED
Protective circuit		Rectifier
Approvals		CE; EAC

Ordering data		
PUSH IN connection	Type	TRP 24-230VUC 1CO AGSNO ED2
	Order No.	2663160000
Screw connection	Type	TRS 24-230VUC 1CO AGSNO ED2
	Order No.	2663000000
Note		

1 NO contact (actuator)

- Space-saving, only 6.4 mm wide
 - AgNi contact
 - PUSH IN and screw connection
 - 24 V DC actuator version:
- Bridgeable, potential-free connection in the output (DC)

**Technical data**

Load side	
Rated switching voltage / Continuous current	250 V AC / 6 A
Max. switching voltage, AC	
Inrush current	20 A / 20 ms
Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V
Contact type	1 NO contact (AgNi)
Mechanical service life	5 x 10 ⁶ switching cycles
Max. switching frequency at rated load	0.1 Hz
General data	
Ambient temperature (operational)	-40 °C...60 °C
Storage temperature	-40 °C...85 °C
Humidity	5-95% relative humidity, T _a = 40°C, without condensation
Approvals	CE; cULus; DNVGL; EAC
Insulation coordinates	
Rated voltage	300 V
Impulse withstand voltage	6 kV (1.2/50 µs)
Dielectric strength, Input/Output	4 kV _{eff} / 1 Min.
Dielectric strength of neighbouring contacts	
Dielectric strength to mounting rail	4 kV _{eff} / 1 Min.
Creepage and clearance distance input - output	≥ 5.5 mm
Overvoltage category	III
Pollution degree	2

Dimensions	PUSH IN	Screw connection
Clamping range (nominal / min. / max.)	mm ² 1.5 / 0.14 / 2.5	1.5 / 0.14 / 2.5
Depth x width x height	mm 87.8 / 6.4 / 89.4	87.8 / 6.4 / 89.6
Note Accessories and dimensional drawings: refer to the TERMSERIES Accessories page. Further approvals and technical data can be found at catalog.weidmueller.com		

Ordering data

Control side	
Rated control voltage	24 V DC ± 20 %
Rated current AC / DC	/ 11.5 mA
Power rating	280 mW
Status indicator	Green LED
Protective circuit	Free-wheeling diode, Reverse polarity protection

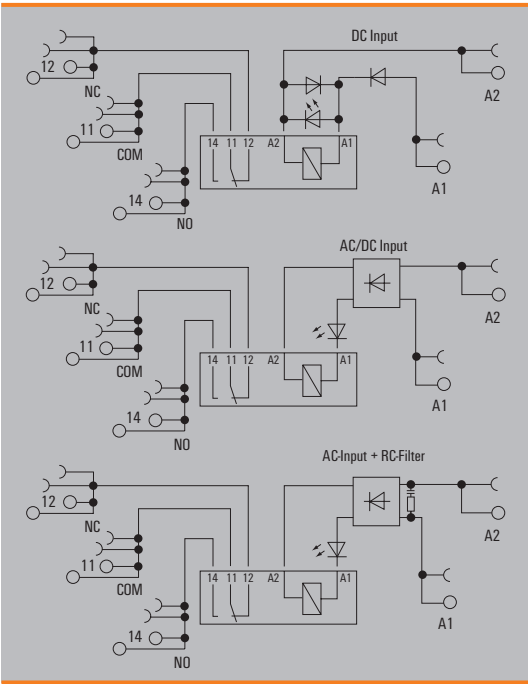
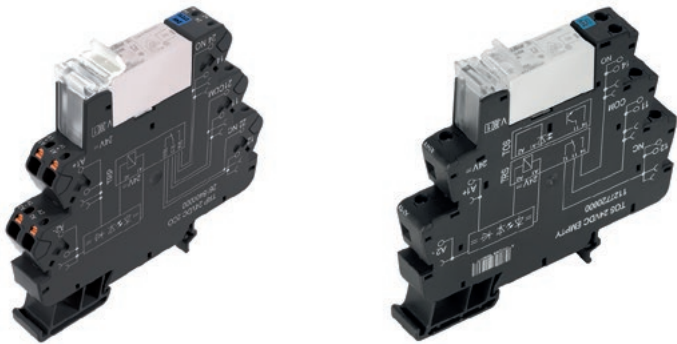
24 V DC ACT

Ordering data	
PUSH IN connection	Type TRP 24VDC ACT
Order No.	2618230000
Screw connection	Type TRS 24VDC ACT
Order No.	1381900000
Note	

1 CO contact

AC / DC / UC coil

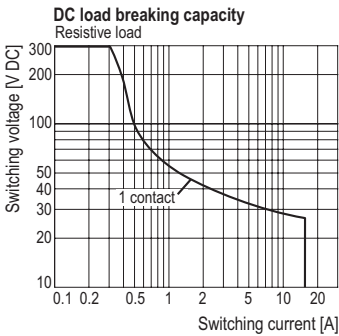
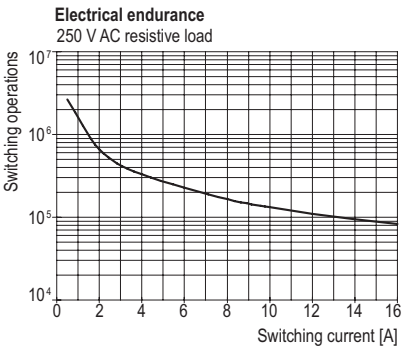
- Space-saving, 12.8 mm wide
- 16 A AgNi contact
- Internal cross-connection of the output terminals
- PUSH IN and screw connection



Technical data

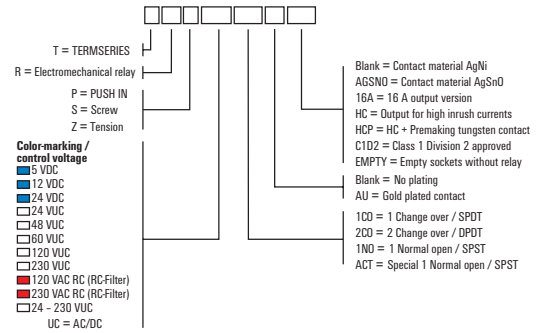
Load side		
Rated switching voltage / Continuous current	250 V AC / 16 A	
Max. switching voltage, AC		
Inrush current	30 A / 4 s	
Min. switching power	10 mA @ 10 V, 100 mA @ 5 V	
Contact type	1 CO contact (AgNi)	
Mechanical service life	30 x 10 ⁶ switching cycles	
Max. switching frequency at rated load	0.1 Hz	
General data		
Ambient temperature (operational)	-40 °C...60 °C	
Storage temperature	-40 °C...85 °C	
Humidity	5-95% relative humidity, T ₉₀ = 40°C, without condensation	
Approvals	CE; cULus; DNVGL; EAC	
Insulation coordinates		
Rated voltage	300 V	
Impulse withstand voltage	6 kV (1.2/50 µs)	
Dielectric strength, Input/Output	1.2 kV _{eff} / 5 s	
Dielectric strength of neighbouring contacts		
Dielectric strength to mounting rail	4 kV _{eff} / 1 Min.	
Creepage and clearance distance input - output	≥ 5.5 mm	
Overvoltage category	III	
Pollution degree	2	
Dimensions	PUSH IN	Screw connection
Clamping range (nominal / min. / max.)	mm ² 1.5 / 0.14 / 2.5	1.5 / 0.14 / 2.5
Depth x width x height	mm 87.8 / 12.8 / 89.4	87.8 / 12.8 / 89.6
Note	Accessories and dimensional drawings: refer to the TERMSERIES Accessories page. Further approvals and technical data can be found at catalog.weidmueller.com	

Applications



1 CO contact

AC / DC / UC coil



Ordering data

Control side	5 V DC	12 V DC	24 V DC	24 V UC	48 V UC
Rated control voltage	5 V DC $\pm 20\%$	12 V DC $\pm 20\%$	24 V DC $\pm 20\%$	24 V UC $\pm 10\%$	48 V UC $\pm 10\%$
Rated current AC / DC	/ 70 mA	/ 33.3 mA	/ 21 mA	16 mA / 14 mA	9 mA / 7 mA
Power rating	400 mW	420 mW	530 mW	390 mVA / 350 mW	340 mW / 0.4 VA
Status indicator	Green LED	Green LED	Green LED	Green LED	Green LED
Protective circuit	Free-wheeling diode, Reverse polarity protection	Free-wheeling diode, Reverse polarity protection	Free-wheeling diode, Reverse polarity protection	Rectifier	Rectifier

Ordering data					
PUSH IN connection Type	TRP 5VDC 1CO 16A	TRP 12VDC 1CO 16A	TRP 24VDC 1CO 16A	TRP 24VUC 1CO 16A	TRP 48VUC 1CO 16A
Order No.	2618130000	2618040000	2618100000	2617910000	2617960000
Screw connection Type	TRS 5VDC 1CO 16A	TRS 12VDC 1CO 16A	TRS 24VDC 1CO 16A	TRS 24VUC 1CO 16A	TRS 48VUC 1CO 16A
Order No.	1479650000	1479670000	1479680000	1479690000	1479700000
Note					

Ordering data

Control side	60 V UC	120 V UC	230 V UC	120 V AC RC	230 V AC RC
Rated control voltage	60 V UC $\pm 10\%$	120 V UC $\pm 10\%$	230 V UC $\pm 5\%$	120 V AC $\pm 10\%$	230 V AC $\pm 5\%$
Rated current AC / DC	8 mA / 6.1 mA	3.5 mA / 3.5 mA	4 mA / 4 mA	5.5 mA /	10 mA /
Power rating	480 mVA / 360 mW	420 mVA / 420 mW	920 mVA / 920 mW	0.6 VA	2.3 VA
Status indicator	Green LED	Green LED	Green LED	Green LED	Green LED
Protective circuit	Rectifier	Rectifier	Rectifier	Rectifier, RC element	Rectifier, RC element

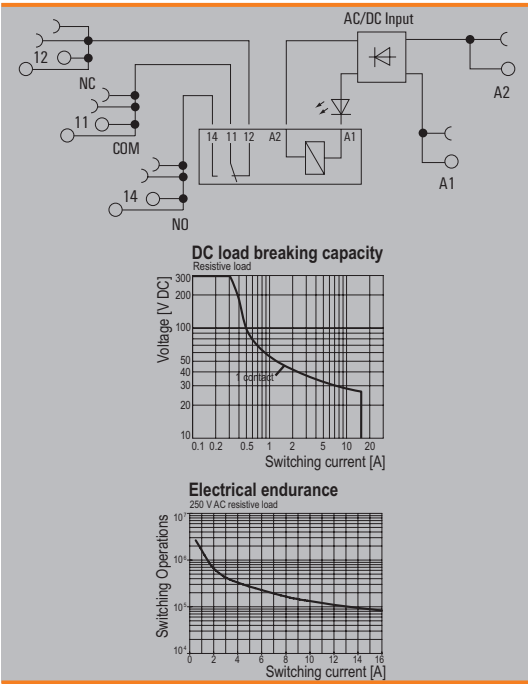
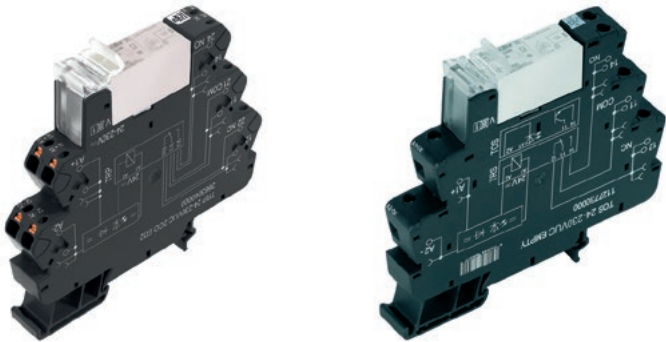
Ordering data					
PUSH IN connection Type	TRP 60VUC 1CO 16A	TRP 120VUC 1CO 16A	TRP 230VUC 1CO 16A	TRP 120VAC RC 1CO 16A	TRP 230VAC RC 1CO 16A
Order No.	2617970000	2618280000	2618260000	2618270000	2618190000
Screw connection Type	TRS 60VUC 1CO 16A	TRS 120VUC 1CO 16A	TRS 230VUC 1CO 16A	TRS 120VAC RC 1CO 16A	TRS 230VAC RC 1CO 16A
Order No.	1479710000	1479730000	1479740000	1479750000	1479760000
Note					

TERMSERIES – relay modules

1 C0 contact

Variable-voltage input

- Space-saving, 12.8 mm wide
- 16 A AgNi contact
- Internal cross-connection of the output terminals
- PUSH IN and screw connection
- Multi-voltage input: 24...230 V UC in one module



Technical data

Load side	
Rated switching voltage / Continuous current	250 V AC / 16 A
Max. switching voltage, AC	
Inrush current	30 A / 4 s
Min. switching power	10 mA @ 10 V, 100 mA @ 5 V
Contact type	1 C0 contact (AgNi)
Mechanical service life	30 x 10 ⁶ switching cycles
Max. switching frequency at rated load	0.1 Hz
General data	
Ambient temperature (operational)	-40 °C...60 °C
Storage temperature	-40 °C...85 °C
Humidity	5-95% relative humidity, T _{st} = 40°C, without condensation
Approvals	CE; EAC
Insulation coordinates	
Rated voltage	300 V
Impulse withstand voltage	6 kV (1.2/50 µs)
Dielectric strength, Input/Output	1.2 kV _{eff} / 5 s
Dielectric strength of neighbouring contacts	
Dielectric strength to mounting rail	4 kV _{eff} / 1 Min.
Creepage and clearance distance input - output	≥ 5.5 mm
Overvoltage category	III
Pollution degree	2

Dimensions	PUSH IN	Screw connection
Clamping range (nominal / min. / max.)	mm ² 1.5 / 0.14 / 2.5	1.5 / 0.14 / 2.5
Depth x width x height	mm 87.8 / 12.8 / 89.4	87.8 / 12.8 / 89.6
Note	Accessories and dimensional drawings: refer to the TERMSERIES Accessories page. Further approvals and technical data can be found at catalog.weidmueller.com	

Ordering data

Control side	
Rated control voltage	24...230 V UC ± 10 %
Rated current AC / DC	23.5 mA @ 24 V AC, 4.5 mA @ 230 V AC / 22.5 mA @ 24 V DC, 2.0 mA @ 230 V DC
Power rating	540 mW @ 24 V DC, 460 mW @ 230 V DC, 565 mVA @ 24 V AC, 1.0 VA @ 230 V AC
Status indicator	Green LED
Protective circuit	Rectifier
Approvals	CE; EAC

Ordering data	
PUSH IN connection	Type TRP 24-230VUC 1C0 16A ED2
Order No.	2663120000
Screw connection	Type TRS 24-230VUC 1C0 16A ED2
Order No.	2662960000
Note	